

0590
09/19

#7

OIEP

RAW SEQUENCE LISTING

DATE: 09/21/2001

PATENT APPLICATION: US/09/717,321A

TIME: 18:01:58

Input Set : A:\Curl01ul1.app

Output Set: N:\CRF3\09212001\I717321A.raw

P.S.

3 <110> APPLICANT: Gould-Rothberg, Bonnie E.
 4 DiPippo, Vincent A.
 5 Ramseh, Tennore M.
 6 Gerwein, Robert W.
 8 <120> TITLE OF INVENTION: METHOD OF IDENTIFYING TOXIC AGENTS USING NSAID-INDUCED
 9 DIFFERENTIAL GENE EXPRESSION IN LIVER
 11 <130> FILE REFERENCE: 15966-601 Utility
 13 <140> CURRENT APPLICATION NUMBER: 09/717,321A
 14 <141> CURRENT FILING DATE: 2000-11-20
 16 <150> PRIOR APPLICATION NUMBER: 60/166,923
 17 <151> PRIOR FILING DATE: 1999-11-22
 19 <160> NUMBER OF SEQ ID NOS: 50
 21 <170> SOFTWARE: PatentIn Ver. 2.1
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 25 <212> TYPE: DNA
 26 <213> ORGANISM: Rattus norvegicus
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 42 aaacactcca caattctgca actgtcaatt gaaaaaagtt tgttctagt gtcgaaaggc 180
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Input Set : A:\Cur101ul.app

Output Set: N:\CRF3\09212001\I717321A.raw

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71 <222> LOCATION: (455)
72 <223> OTHER INFORMATION: Wherein n is g or a or t or c
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77 cagcagccca gtaagctgtg ccagaaggct gtaacagtag cggagccagt gacagcgcca 180
78 ggctgggctg ggttctctct gtgggtgtgc acggcaaagc tgcggcctgt gggccctggg 240
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94 cagcagccca gtaagctgtg ccagaaggct gtaacagtag cggagccagt gacagcgcca 180
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97 accccaatga cacgatcaaa gcctagaactg ggagcggcca gggcagcggc tgccatgggtg 360
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99 cggggccccc tactatgtgc ggcagccagg ggtcctcca gccggaagcc atcaggatgt 480
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101 tcacaacccc acaggggccc tcggggccaca aacaccgtgt ggccccagtg gtttgaagcc 600
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112 ccagccacat tccattgatc atccagtatt tcatcttgaa gatgtttgct gagaagctgc 120
113 agaagggtcat gctccagctc ctgcaggaca aggattcctg cagctggctc ctgaaggaaa 180
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126 ccacacagct gggaccaggg cgcttccaaa tgaccagga agtggtttgt gacgagtgcc 180
127 ctaatgtcaa actagtgaat gaagaacgaa cactagaagt ggaaatagag cctgggggtga 240
128 gagatggcat ggagtacccc ttatttggag aagggtgagcc tcatgtggat ggggaacccg 300
129 gagacttacg gttccgaatc aaagttgtca agcaccggat atttgagagg agaggggatg 360
130 acctgtaca 369
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138 <400> SEQUENCE: 7
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140 ctgggttttac aaggcataaa tatatagcat ctccaacagc tacctgtaga ttctgttagt 120
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152 aagagcatct gcaaaggaaa tcaatcttca gagaatagca cagaaacaga aaatccaagc 180
153 gaacaaaaag atacatctag gccgtgttct tgttctgacc agggccgcat ttggcaaagc 240
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155 aagtggggcc cactaaaaac atacacaaaa gaataaaaat gttcatttta aacttaaact 360
156 gcttcctggg ttacaaggc ataaatatat agcatctcca acagctacct gtagattctg 420
157 ttagtgcaaa accttagaaa cctccttgga gctcaaaggc atccggacta gttttgtact 480
158 taaacaggat acgggtaaac cacttaaaat ttgccatctc tgcccaaagt gtttgcatga 540
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170 ggtgagactc tggcttccgg ctggtagaag ccaaggttgg acgcatagtt gcaaagctcc 180
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185 cctaggactg cacaacgtga gtccttgaac caggctctgg aaaaggtgcc cagaccaccc 240
186 aatggggaca cacagtgaag ccagcccccga gtgaaattcc tgctgctacc tggggccctt 300
187 ggtgagactc tggcttccgg ctggtagaag ccaaggttgg acgcatagtt gcaaagctcc 360
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189 ccggagcaca caggctgagc gtgccacagc gacgacggag gccaaagcgtg gtgctggtgg 480
190 tgttactttc ccgtgagttc cagcaccttc ttcacatgg ccccaatccc gtcgtggatg 540
191 tgggtggagtt cgggtctcaca catgaaggcc ggggtggtga ccaccttgtt tttctggtcg 600
192 acgtgagctt cggtcacacc cttcacacag tgcttggcac ccagggcttt gacggcttcc 660
193 gcggttccag catatggcca cttgcccccc tcctcttgcg catggcccac ggtgacctcc 720
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204 <221> NAME/KEY: misc_feature

205 <222> LOCATION: (545)

206 <223> OTHER INFORMATION: Wherein n is g or a or t or c

208 <400> SEQUENCE: 11

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211 tgaaggcaga cagaggtcat ggaagagacc aggtctcaga acagcccac catgcacagc 180
212 gggatgtttt cccaccaagg gcaacatgca aagccaggta tccacatgg tagagtagaa 240
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214 agctaaaatc aagtttctta gggcaagctg tagtaggctc ccttgggtgg gttaatgctt 360
215 ttgtggatgt gactaccaa aattcaacca gagccaacga cccaactatt aatgggcagt 420
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217 tgacatcagt agtcagagag atgggaagca gaagcactag cagatcttaa cacctactag 540
218 aacanccact aaaaaagagt aagactcaca aggacatggg cacttcta ctctgtgcac 600
219 tgctgccagg acatacaata gtgtggtcac tatggagact acggcagtgc ctactaataa 660
220 cagcagagtt accctaagac atacaatctg ctgcgtgtat gctaagcagg atccgaggga 720
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233 tgaaggcaga cagaggtcat ggaagagacc aggtctcaga acagcccac catgcacagc 180
234 gggatgtttt cccaccaagg gcaacatgca aagccaggta tccacatgg tagagtagaa 240
235 agtcagacct tacatctcac acacaaatga actcaaaata taccagagag caaagctaag 300
236 agctaaaatc aagtttctta gggcaagctg tagtaggctc ccttgggtgg gttaatgctt 360
237 ttgtggatgt gactaccaa aattcaacca gagccaacga cccaactatt aatgggcagt 420
238 ggacctaaag agatttcttc aaacgatata taaagaaggc caccaagcat ataaaacatg 480
239 tgacatcagt agtcagagag atgggaagca gaagcactag cagatcttaa cacctactag 540

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Output Set: N:\CRF3\09212001\I717321A.raw

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242 cagcagagtt accctaagac atacaatctg ctgctgttat gctaagcagg atccgaggga 720
243 tatttgtata tacatgttca cagcatagtc aggagctcca ggggtgggaac aactgaggta 780
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246 tctgtacat gaacacgcac acacacacac acacacacac acacacacgc actgagaatc 960
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259 aattcaagac attgttccac acaatgaaca atcgcacaca tgagaactgc acctagaatg 180
260 tccatcctag aatctccatc catccagtca aagtgtctgag ctactgact gaaggaaaca 240
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296 cattgtacat ggagtaattc aactgaataa aagtgtcacg ggtaaagctt tttaacggtt 540
297 aatttctgtc aaacagtaga tgacaaatgg ccgactctat cagtgtctct cttgagcccc 600

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Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.



VERIFICATION SUMMARY

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Input Set : A:\Curl01u1.app

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L:82 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:697 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33